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#### ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES ARS-127 DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED

INTERNATIONAL APPLICATION NO. PCT/EP2004/052591 October 20, 2004 October 21, 2003 TITLE OF INVENTION Minimal DNA Sequence Acting as a Chromatin Insulator and its Use in Protein Expression APPLICANT(S) FOR DO/EO/US PHILIPPE CHATELLARD, MARKUS IMHOF Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). signed 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. 🔽 An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13 🔽 A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16. ☑ A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

## IAP15 Rec'd PCT/PTO 19 APR 2006

PTO-1390 (Rev. 07-2005)
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	LICATION NO. (if known, see 37 CFR 1.5)  10 15 76 5 09  INTERNATIONAL APPLICATION NO. PCT/EP2004/052591			ATTORNEY'S DOCKET NUMBER ARS-127				
20. Other items or information: Copy of front page of the published PCT application								
The follow	wing fees have b	een submitted	<del></del>		CALCULATIONS	PTO USE ONLY		
21. 🗸 Basic	21.				<sup>\$</sup> 300.00			
22. 7 Examination fee (37 CFR 1.492(c))					000.00			
If the written opinio by IPEA/U: All other situations	S indicates all cla	\$200.00						
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$400.00			
TOTAL OF 21, 22 and 23 =					\$900.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction RATE								
36	0	thereof (round	up to a whole number) 0		1 50 00			
36 <sub>- 100</sub> = 0 /50 =  Surcharge of \$130.00 for furnishing any of the search		Α Φ230		\$0.00				
after the date of co	mmencement of	oath or declaration	\$					
CLAIMS	CLAIMS NUMBE		ER FILED NUMBER EXTRA		\$			
Total claims	2	21 - 20 =	1	× \$50	\$50.00			
Independent claims	s	2 - 3 =	0	x \$200	\$0.00			
MULTIPLE DEPEN	NDENT CLAIM(S	\$0.00						
		\$950.00						
Applicant clain	ns small entity st	\$0.00						
		\$950.00						
Processing fee of \$ claimed priority dat		\$						
		\$ 950.00						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$0.00			
TOTAL FEES ENCLOSED =					\$ 950.00			
					Amount to be refunded:	\$		
					Amount to be charged	\$		

ID / 5 7 6 5 0 9

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а. 🔲	A check in the amount of \$	to cover the abo	ove fees is enclosed.				
b. 🗸	Please charge my Deposit Account No. <u>19-0065</u> in the amount of \$ <u>950.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. 🗸	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0065</u> . A duplicate copy of this sheet is enclosed.						
d. 🗖	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER			Leave Chereful				
		April 19, 2006	Frank C. Eisenschenk, Ph.D.				
	23557	Date	NAME				
			45,332				
			REGISTRATION NUMBER				
	•						
			•				

# **10/5**76 5 0 9 **IAP15 Rec'd PCT/PTO** / 9 APR 2006

Patent Application Docket No. ARS-127

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Philippe Chatellard, Markus Imhof

Docket No.

ARS-127

For

Minimal DNA Sequence Acting as a Chromatin Insulator and its Use in

**Protein Expression** 

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

### CERTIFICATE OF MAILING BY EXPRESS MAIL (37 CFR §1.10)

Express Mail No.: Date of Deposit: April 19, 2006							
I hereby certify that the attached Transmittal Letter to the United States							
Designated/Elected Office (DO/EO/US), Preliminary Amendment, Application Data Sheet,							
cover page of published international application, executed Declaration of Inventorship Under							
Rule 4.17, Information Disclosure Statement Under 37 CFR §§1.97 and 1.98 and unexecuted							
Power of Attorney forms, with copies as required for authorization for use of Deposit Account							
No. 19-0065, are being deposited with the United States Postal Service "Express Mail Post							
Office to Addressee" service under 37 CFR §1.10 on the date indicated above and are addressed							
to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.							
David M. Gilland Name of person mailing paper  Signature							